RTX
PHASE 1 DOCUMENTATION

PHASE 1 PROTOTYPE MODULE

1. PARTS/MATERIAL LIST with PART NUMBERS
2. VENDOR LIST with ADDRESS & PHONE NUMBERS
3. SCHEMATIC , HEATER CONTROL CIRCUIT
4. SCHEMATIC , PRESSURE SWITCH CIRCUIT
5. DRAWINGS for CUSTOM DESIGNED PARTS
   - LAYOUT , MODULE
   - HOUSING BOTTOM , CASE
   - HOUSING TOP , COVER
   - HOUSING , DETAIL (3)
   - HOUSING , REWORK
   - DOOR , BUTTON CELLS
   - BEZEL , LCD
   - FLEX CIRCUIT (4)
   - CONNECTOR , LOAD
   - ELASTOMERIC , ZEBRA STRIP
   - LCD DISPLAY
6. SPECIFICATION for COMMERCIAL PARTS/MATERIALS
   - CRYSTAL , 4 MHz
   - FET DIE , TRANSISTOR REFERENCE
   - CHIP RESISTORS
   - CHIP CAPACITORS
   - FUSE , 5 AMP FAST
   - VOLTAGE DETECTOR
   - ADHESIVE SEALANT RTV T 95 , CAN/HSNG TOP
   - ADHESIVE SEALANT SYLG.577 , CAN/HSNG BASE
   - FET DIE COATING , SIMICOSIL 900 T
7. PRESSURE SWITCH ASSEMBLY DRAWING & PARTS LIST
   - PRT SENSOR SPECIFICATION for REFERENCE

only one used in 1st 50

motorola could possibly provide 100

ASSEMBLY & TEST FIXTURES

1. DRAWINGS / SKETCHES
   - FLEX CIRCUIT , CONNECTOR SOLDER FIXT. SK101790
   - LOAD SIMULATOR FIXT. CONNECTING PLUG
   - FLEX CIRCUIT ASSEMBLY TEST FIXT. (2) SK1019
   - ASSEMBLY TEST , PROBE FIXTURE SK0225
   - LOAD CONNECTOR , PIN INSERTION FIXT.

BATTERY CHARGER : able to purchased from Motorola

1. SPEC./DESCRIPTION , MOTOROLA P 100 MODEL NTN 5540
2. SCHEMATIC , MODIFIED CIRCUIT for 14 HOUR RECHARGE
3. DRAWINGS for CUSTOM DESIGNED ADAPTOR & REWORK
   - PLASTIC ADAPTOR (2) MHC 1519 & 1519
   - REWORK DRAWING (2) MHC 1517 & 2916

15 min charger in Development 1" x 3" x 4" @ Theis

Stage microprocessor current sens

EB 2/20/91

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Source: https://www.industrydocuments.ucsf.edu/docs/stgm0000